

Receipt date: 01/28/2005

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10923175 GAU: 2197  
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**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
46955.21

In Re Application Of:

**Thomas Schnelle, Torsten Mueller, Stephen Shirley**

Application No.

Filing Date

Examiner

Customer No.

Group Art Unit

Confirmation No.

New Application

28 Jan 2005 (371)

Not Yet Assigned

041068

N/A

N/A

Title:

**Impedance Measurement in a Fluidic Microsystem**

Address to:

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

**OR**

☐ the fee set forth in 37 CFR 1.17(p).

P10A/REV05

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.K./

10/523175  
10523175 - GAU: 4191  
28 JAN 2005

P10A/REV05

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.K./

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10523175 GAU: 4191

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>46955.21</b>		APPLICATION NO. <b>10523175</b> <i>New Application</i>		
				APPLICANT(S) <b>Thomas Schnelle, Torsten Mueller, Stephen Shirley</b>				
				FILING DATE <b>28 January 2005 (371 Date)</b>		GROUP ART UNIT <b>Not Yet Assigned</b>		
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
/R.K./	AA	4420720	13 DEC 1983	NEWTON, ET AL.			29 JUN 1981	
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
/R.K./	AB	US 2002/0150886 A1	17 OCT 2002	MILES, ET AL.			15 NOV 2001	
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
/R.K./	AC	WO 00/37628	29 JUN 2000	PCT				✓
	AD	DE 10059152 A1	20 JUN 2002	GERMANY				✓
	AE	DE 19903001 A1	24 AUG 2000	GERMANY				✓
	AF	DE 19860117 A1	13 JUL 2000	GERMANY				✓
	AG	DE 19860118 C1	28 SEP 2000	GERMANY				✓
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
/R.K./	AI	GAWAD, S., et al.; Micromachined impedance spectroscopy flow cytometer for cell analysis and particle sizing; IEEE-EMBS Conference on Microtechnologies in Med. & Biol., 2000, Lyons, France; Lab On A Chip, 2001, Vol. 1, pp76-82.						
↓	AJ	KOCH, M., et al.; Design and fabrication of a micromachined Coulter counter"; J. Micromech. Microeng., Vol. 9 (1999), pp 159-161.						
EXAMINER  /Robert Kasten/				DATE CONSIDERED  05/18/2009				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**INFORMATION DISCLOSURE CITATION**

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ATTY DOCKET NO.

46955.21

APPLICATION NO.

107523175

Thomas Schnelle, Torsten Mueller, Stephen Shirley

FILING

28 January 2005 (371 Date)

GROUP ART

Not Yet Assigned

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
/R.K./	AH	DE 2201894	19 JUL 1973	GERMANY				✓

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

/R.K./	AK	COSTER, Hans, G.L., et al; "Impedance spectroscopy of interfaces, membranes, and ultrastructures"; Bioelectrochemistry and Bioenergetics, Vol. 40 (1996), pp79-98.
/R.K./	AL	FIEDLER, Stephan, et al.; "Dielectrophoretic Sorting of Particles and Cells in a Microsystem"; Anal. Chem. (1998), Vol. 70, pp 1909-1915.

EXAMINER

/Robert Kasten/

DATE CONSIDERED

05/18/2009

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